

(FILE 'HOME' ENTERED AT 15:16:24 ON 08 JAN 2003)

FILE 'REGISTRY' ENTERED AT 15:16:33 ON 08 JAN 2003

| | |
|-----|---------------------------------|
| L1 | 1 S WATER/CN |
| L2 | 1 S PROPYLENE GLYCOL/CN |
| L3 | 1 S CITRIC ACID/CN |
| L4 | 0 S STEAROYL LACTYLATE/CN |
| L5 | 2 S STEAROYL LACTYLATE |
| L6 | 0 S ISOSTEAROYL LACTYLATE |
| L7 | 0 S ISO STEAROYL LACTYLATE |
| L8 | 1 S 73231-04-6/RN |
| L9 | 1 S 66988-04-3/RN |
| L10 | 0 S LANOLIN OIL/CN |
| L11 | 7 S LANOLIN OIL |
| L12 | 1 S TETRASODIUM EDTA/CN |
| L13 | 1 S CETYL ALCOHOL/CN |
| L14 | 1 S COD LIVER OIL/CN |
| L15 | 1 S BUTYLATED HYDROXYTOLUENE/CN |
| L16 | 1 S METHYLPARABEN/CN |
| L17 | 1 S ALLANTOIN/CN |
| L18 | 1 S PROPYLPARABEN/CN |

FILE 'USPATFULL, CAPLUS, KOSMET' ENTERED AT 15:22:14 ON 08 JAN 2003

| | |
|-----|------------------------|
| L19 | 273090 S L1 |
| L20 | 23578 S L2 |
| L21 | 46532 S L3 |
| L22 | 503 S L5 |
| L23 | 60 S L8 OR L9 |
| L24 | 1 S L11 |
| L25 | 3526 S L12 |
| L26 | 6931 S L13 |
| L27 | 18378 S L24 OR LANOLIN |
| L28 | 0 S L14 |
| L29 | 0 S L14 |
| L30 | 5855 S COD LIVER OIL |
| L31 | 12652 S L15 |
| L32 | 5052 S L16 |
| L33 | 2056 S L17 |
| L34 | 2546 S L18 |

=> s l19 and l20 and l21 and l22 and l23 and l25 and l26 and l27 and l30 and l31 and l32 and l33 and l34

L35 0 L19 AND L20 AND L21 AND L22 AND L23 AND L25 AND L26 AND L27 AND

L30 AND L31 AND L32 AND L33 AND L34

=>

(FILE 'HOME' ENTERED AT 15:16:24 ON 08 JAN 2003)

FILE 'REGISTRY' ENTERED AT 15:16:33 ON 08 JAN 2003

| | |
|-----|---------------------------------|
| L1 | 1 S WATER/CN |
| L2 | 1 S PROPYLENE GLYCOL/CN |
| L3 | 1 S CITRIC ACID/CN |
| L4 | 0 S STEAROYL LACTYLATE/CN |
| L5 | 2 S STEAROYL LACTYLATE |
| L6 | 0 S ISOSTEAROYL LACTYLATE |
| L7 | 0 S ISO STEAROYL LACTYLATE |
| L8 | 1 S 73231-04-6/RN |
| L9 | 1 S 66988-04-3/RN |
| L10 | 0 S LANOLIN OIL/CN |
| L11 | 7 S LANOLIN OIL |
| L12 | 1 S TETRASODIUM EDTA/CN |
| L13 | 1 S CETYL ALCOHOL/CN |
| L14 | 1 S COD LIVER OIL/CN |
| L15 | 1 S BUTYLATED HYDROXYTOLUENE/CN |
| L16 | 1 S METHYLPARABEN/CN |
| L17 | 1 S ALLANTOIN/CN |
| L18 | 1 S PROPYLPARABEN/CN |

FILE 'USPATFULL, CAPLUS, KOSMET' ENTERED AT 15:22:14 ON 08 JAN 2003

| | |
|-----|------------------------|
| L19 | 273090 S L1 |
| L20 | 23578 S L2 |
| L21 | 46532 S L3 |
| L22 | 503 S L5 |
| L23 | 60 S L8 OR L9 |
| L24 | 1 S L11 |
| L25 | 3526 S L12 |
| L26 | 6931 S L13 |
| L27 | 18378 S L24 OR LANOLIN |
| L28 | 0 S L14 |
| L29 | 0 S L14 |
| L30 | 5855 S COD LIVER OIL |
| L31 | 12652 S L15 |
| L32 | 5052 S L16 |
| L33 | 2056 S L17 |
| L34 | 2546 S L18 |

=> s l19 and l20 and l21 and l22 and l23 and l25 and l26 and l27 and l30 and l31 and l32 and l33 and l34

L35 0 L19 AND L20 AND L21 AND L22 AND L23 AND L25 AND L26 AND L27 AND

L30 AND L31 AND L32 AND L33 AND L34

=>

L13 ANSWER 46 OF 47 CAPLUS COPYRIGHT 2003 ACS
 AN 1980:431783 CAPLUS
 DN 93:31783
 TI Stable water in oil emulsion systems for cosmetic and pharmaceutical
 preparations
 IN France, James R.; Baiocchi, Fred; Concar, George A.
 PA Patterson, C. J., Co., USA
 SO U.S., 7 pp.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN.CNT 2

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|----------------|------|----------|-----------------|----------|
| | ----- | ---- | ----- | ----- | ----- |
| PI | US 4184978 | A | 19800122 | US 1977-861362 | 19771216 |
| PRAI | US 1977-793534 | | 19770504 | | |

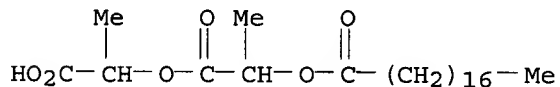
CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
 HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
 LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
 SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,
 YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

US 2002055531 A1 20020509 US 2001-991283 20011113
 PRAI US 1999-360095 A2 19990723
 US 2000-570120 A2 20000512
 US 2000-570266 A 20000512
 US 2001-758696 A 20010111

L12 ANSWER 9 OF 9 CAPLUS COPYRIGHT 2003 ACS
 AN 2001:397812 CAPLUS
 DN 135:9835
 TI **Allantoin**-containing skin cream
 IN Farber, Elliott
 PA USA
 SO U.S. Pat. Appl. Publ., 24 pp., Cont.-in-part of U.S. Ser. No. 570,266.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 7

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|----------|
| PI | US 2001002290 | A1 | 20010531 | US 2001-758781 | 20010111 |
| | US 6281236 | B1 | 20010828 | US 1999-360095 | 19990723 |
| | US 6329413 | B1 | 20011211 | US 2000-570266 | 20000512 |
| | WO 2001087232 | A2 | 20011122 | WO 2001-US14899 | 20010509 |
| | WO 2001087232 | A3 | 20020307 | | |
| | W: | | | | |
| | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, | | | | |
| | CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, | | | | |
| | HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, | | | | |
| | LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, | | | | |
| | SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, | | | | |
| | YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| | RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, | | | | |
| | DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, | | | | |
| | BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| | AU 2001061290 | A5 | 20011126 | AU 2001-61290 | 20010509 |
| | US 2002054895 | A1 | 20020509 | US 2001-991117 | 20011113 |
| PRAI | US 1999-360095 | A2 | 19990723 | | |
| | US 2000-570266 | A2 | 20000512 | | |
| | US 2000-570120 | A | 20000512 | | |
| | US 2001-758781 | A | 20010111 | | |
| | WO 2001-US14899 | W | 20010509 | | |

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS
 RN 25383-99-7 REGISTRY
 CN Octadecanoic acid, 2-(1-carboxyethoxy)-1-methyl-2-oxoethyl ester, sodium salt (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN Lactic acid, bimol. ester, stearate, sodium salt (8CI)
 CN Stearic acid, ester with lactic acid bimol. ester, sodium salt (8CI)
 OTHER NAMES:
 CN Artodan SP 50
 CN Artodan SP 55
 CN Emplex
 CN Emulsilac S
 CN Emulsilac SK
 CN Grindsted SSL-P 55VEG
 CN Grindtek FAL 1
 CN Lamegin SSL
 CN Multec SSL
 CN Paniplex SSL
 CN Pationic 920
 CN Pationic SSL
 CN Rhodimul
 CN Rylo SL 18
 CN **Sodium stearoyl lactylate**
 CN Sodium stearoyl-2-lactylate
 CN Sodium stelate
 CN SSL 2012
 MF C24 H44 O6 . Na
 CI COM
 LC STN Files: AGRICOLA, BIOBUSINESS, BIOSIS, CA, CAPLUS, CHEMCATS, CHEMLIST, CIN, CSCHEM, IFICDB, IFIPAT, IFIUDB, IPA, PIRA, PROMT, TOXCENTER, USPAT2, USPATFULL
 Other Sources: DSL**, EINECS**, TSCA**
 (**Enter CHEMLIST File for up-to-date regulatory information)
 CRN (14440-80-3)



● Na

272 REFERENCES IN FILE CA (1962 TO DATE)
 4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 272 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> s sodium isosteároyl lactylate
 268213 SODIUM
 44 ISOSTEAROYL
 11 LACTYLATE
 L2 0 SODIUM ISOSTEAROYL LACTYLATE
 (SODIUM(W) ISOSTEAROYL(W) LACTYLATE)
 =>

L7 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2003 ACS

RN 308064-10-0 REGISTRY *

* Use of this CAS Registry Number alone as a search term in other STN files may

result in incomplete search results. For additional information, enter HELP RN* at an online arrow prompt (=>).

CN **Collagens, hydrolyzates, N-isostearoyl, sodium salts** (CA INDEX NAME)

OTHER NAMES:

CN **Collagen hydrolyzates, N-isostearoyl sodium salts**

CN **Collagen hydrolyzates, N-isostearoyl, sodium salts**

CN **N-Isostearoylcollagen peptide sodium salt**

CN Promois E 118D

MF Unspecified

CI MAN, CTS

SR CA

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

L7 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2003 ACS

RN 73231-04-6 REGISTRY

CN **Isooctadecanoic acid, 1-carboxyethyl ester, sodium salt (9CI)**
(CA INDEX NAME)

OTHER NAMES:

CN **Sodium isostearoyl-1-lactylate**

MF C21 H40 O4 . Na

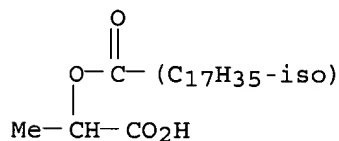
CI IDS

LC STN Files: CA, CAPLUS, CHEMLIST, IPA, TOXCENTER, USPATFULL

Other Sources: TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

CRN (111726-31-9)



● Na

9 REFERENCES IN FILE CA (1962 TO DATE)

9 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L7 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2003 ACS

RN 66988-04-3 REGISTRY

CN **Isooctadecanoic acid, 2-(1-carboxyethoxy)-1-methyl-2-oxoethyl ester, sodium salt (9CI)** (CA INDEX NAME)

OTHER NAMES:

CN **Isostearoyl-2-lactylate sodium**

CN Pationic ISL

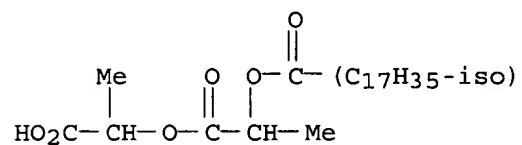
CN **Sodium isostearoyl-2-lactylate**

MF C24 H44 O6 . Na

CI IDS

LC STN Files: CA, CAPLUS, CHEMCATS, CHEMLIST, CIN, CSCHM, TOXCENTER, USPATFULL

Other Sources: EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)
CRN (163090-21-9)



● Na

36 REFERENCES IN FILE CA (1962 TO DATE)
36 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=>

L12 ANSWER 1 OF 9 USPATFULL
AN 2002:106322 USPATFULL
TI Methods for treatment of inflammatory diseases
IN Farber, Elliott, North Mankato, MN, UNITED STATES
PI US 2002055531 A1 20020509
AI US 2001-991283 A1 20011113 (9)
RLI Continuation-in-part of Ser. No. US 2001-758696, filed on 11 Jan 2001,
PENDING Continuation-in-part of Ser. No. US 2000-570120, filed on 12
May
2000, PENDING Continuation-in-part of Ser. No. US 1999-360095, filed on
23 Jul 1999, GRANTED, Pat. No. US 6281236
DT Utility
FS APPLICATION
LN.CNT 3645
INCL INCLM: 514/386.000
INCLS: 424/070.220
NCL NCLM: 514/386.000
NCLS: 424/070.220
IC [7]
ICM: A61K031-4166
ICS: A61K007-075
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 2 OF 9 USPATFULL
AN 2002:105693 USPATFULL
TI **Allantoin**-containing skin cream
IN Farber, Elliott, North Mankato, MN, UNITED STATES
PA Alwyn Company, Inc. (U.S. corporation)
PI US 2002054895 A1 20020509
AI US 2001-991117 A1 20011113 (9)
RLI Continuation-in-part of Ser. No. US 2001-758781, filed on 11 Jan 2001,
PENDING Continuation-in-part of Ser. No. US 2000-570266, filed on 12
May
2000, PENDING Continuation-in-part of Ser. No. US 1999-360095, filed on
23 Jul 1999, GRANTED, Pat. No. US 6281236
DT Utility
FS APPLICATION
LN.CNT 2808
INCL INCLM: 424/401.000
INCLS: 514/054.000; 424/070.110
NCL NCLM: 424/401.000
NCLS: 514/054.000; 424/070.110
IC [7]
ICM: A61K007-11
ICS: A61K031-715
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 3 OF 9 USPATFULL
AN 2001:226667 USPATFULL
TI **Allantoin**-containing skin cream
IN Farber, Elliott, North Mankato, MN, United States
PA Alwyn Company, Inc., Lake Crystal, MN, United States (U.S. corporation)
PI US 6329413 B1 20011211
AI US 2000-570266 20000512 (9)
RLI Continuation-in-part of Ser. No. US 1999-360095, filed on 23 Jul 1999
DT Utility
FS GRANTED
LN.CNT 1718

INCL INCLM: 514/390.000
INCLS: 424/400.000; 424/401.000; 424/078.020; 424/078.060; 424/078.180;
514/937.000; 514/938.000; 514/939.000; 514/940.000; 514/941.000;
514/943.000
NCL NCLM: 514/390.000
NCLS: 424/078.020; 424/078.060; 424/078.180; 424/400.000; 424/401.000;
514/937.000; 514/938.000; 514/939.000; 514/940.000; 514/941.000;
514/943.000
IC [7]
ICM: A61K031-415
ICS: A61K031-715; A61K071-48
EXF 424/405; 424/400; 424/401; 514/390; 514/937; 514/939; 514/940; 514/941;
514/943; 514/938
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 4 OF 9 USPATFULL
AN 2001:91603 USPATFULL
TI Methods for treatment of inflammatory diseases
IN Farber, Elliott, North Mankato, MN, United States
PI US 2001003753 A1 20010614
AI US 2001-758696 A1 20010111 (9)
RLI Continuation-in-part of Ser. No. US 2000-570120, filed on 12 May 2000,
PENDING Continuation-in-part of Ser. No. US 1999-360095, filed on 23
Jul 1999, PENDING
DT Utility
FS APPLICATION
LN.CNT 2768
INCL INCLM: 514/390.000
INCLS: 424/401.000
NCL NCLM: 514/390.000
NCLS: 424/401.000
IC [7]
ICM: A61K031-415
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 5 OF 9 USPATFULL
AN 2001:90147 USPATFULL
TI **Allantoin**-containing skin cream
IN Farber, Elliott, North Mankato, MN, United States
PI US 2001002290 A1 20010531
AI US 2001-758781 A1 20010111 (9)
RLI Continuation-in-part of Ser. No. US 2000-570266, filed on 12 May 2000,
PENDING Continuation-in-part of Ser. No. US 1999-360095, filed on 23
Jul 1999, PENDING
DT Utility
FS APPLICATION
LN.CNT 2055
INCL INCLM: 428/012.000
INCLS: 424/401.000; 514/458.000; 514/873.000; 514/938.000; 514/787.000;
514/474.000
NCL NCLM: 428/012.000
NCLS: 424/401.000; 514/458.000; 514/873.000; 514/938.000; 514/787.000;
514/474.000
IC [7]
ICM: A61K031-34
ICS: A01N043-08; A01N025-00; A61K047-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 6 OF 9 CAPLUS COPYRIGHT 2003 ACS
 AN 2002:354080 CAPLUS
 DN 136:359655
 TI Topical **allantoin** compositions for treatment of skin
 inflammatory diseases
 IN Farber, Elliott
 PA USA
 SO U.S. Pat. Appl. Publ., 52 pp., Cont.-in-part of U.S. Ser. No. 758,696.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 7

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|----------------|------|----------|-----------------|----------|
| PI | US 2002055531 | A1 | 20020509 | US 2001-991283 | 20011113 |
| | US 6281236 | B1 | 20010828 | US 1999-360095 | 19990723 |
| | US 2001003753 | A1 | 20010614 | US 2001-758696 | 20010111 |
| PRAI | US 1999-360095 | A2 | 19990723 | | |
| | US 2000-570120 | A2 | 20000512 | | |
| | US 2001-758696 | A2 | 20010111 | | |

L12 ANSWER 7 OF 9 CAPLUS COPYRIGHT 2003 ACS
 AN 2002:353977 CAPLUS
 DN 136:374535
 TI **Allantoin**-containing skin cream
 IN Farber, Elliott
 PA Alwyn Company, Inc., USA
 SO U.S. Pat. Appl. Publ., 33 pp., Cont.-in-part of U.S. Ser. No. 758,781.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 7

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|----------------|------|----------|-----------------|----------|
| PI | US 2002054895 | A1 | 20020509 | US 2001-991117 | 20011113 |
| | US 6281236 | B1 | 20010828 | US 1999-360095 | 19990723 |
| | US 6329413 | B1 | 20011211 | US 2000-570266 | 20000512 |
| | US 2001002290 | A1 | 20010531 | US 2001-758781 | 20010111 |
| PRAI | US 1999-360095 | A2 | 19990723 | | |
| | US 2000-570266 | A2 | 20000512 | | |
| | US 2001-758781 | A2 | 20010111 | | |

L12 ANSWER 8 OF 9 CAPLUS COPYRIGHT 2003 ACS
 AN 2001:435486 CAPLUS
 DN 135:37205
 TI **Allantoin** compositions for treatment of skin inflammatory
 diseases
 IN Farber, Elliott
 PA USA
 SO U.S. Pat. Appl. Publ., 42 pp., Cont.-in-part of U.S. Ser. No. 570,120.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 7

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|---------------|------|----------|-----------------|----------|
| PI | US 2001003753 | A1 | 20010614 | US 2001-758696 | 20010111 |
| | US 6281236 | B1 | 20010828 | US 1999-360095 | 19990723 |
| WO | 2001087301 | A1 | 20011122 | WO 2001-US15102 | 20010509 |

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,